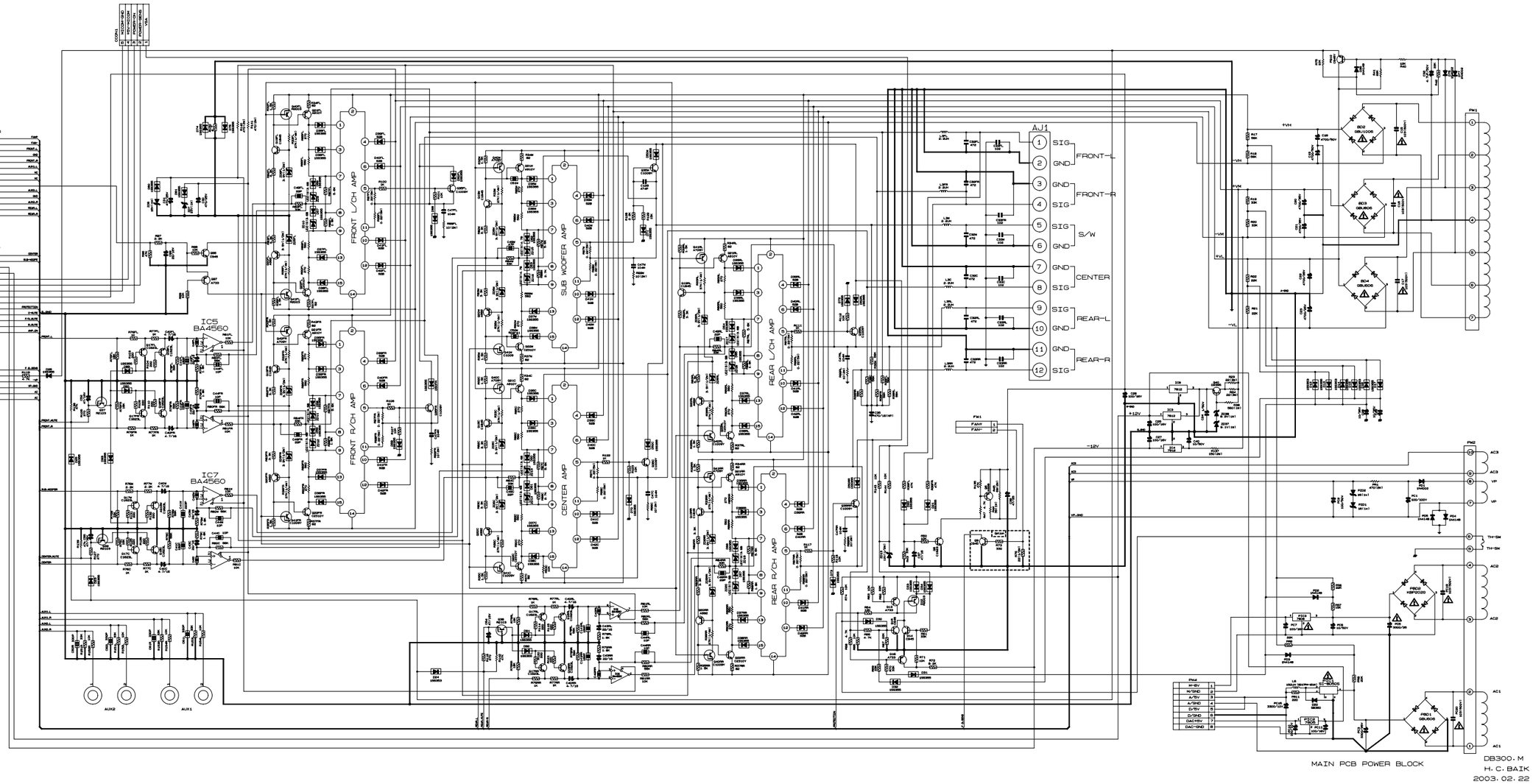
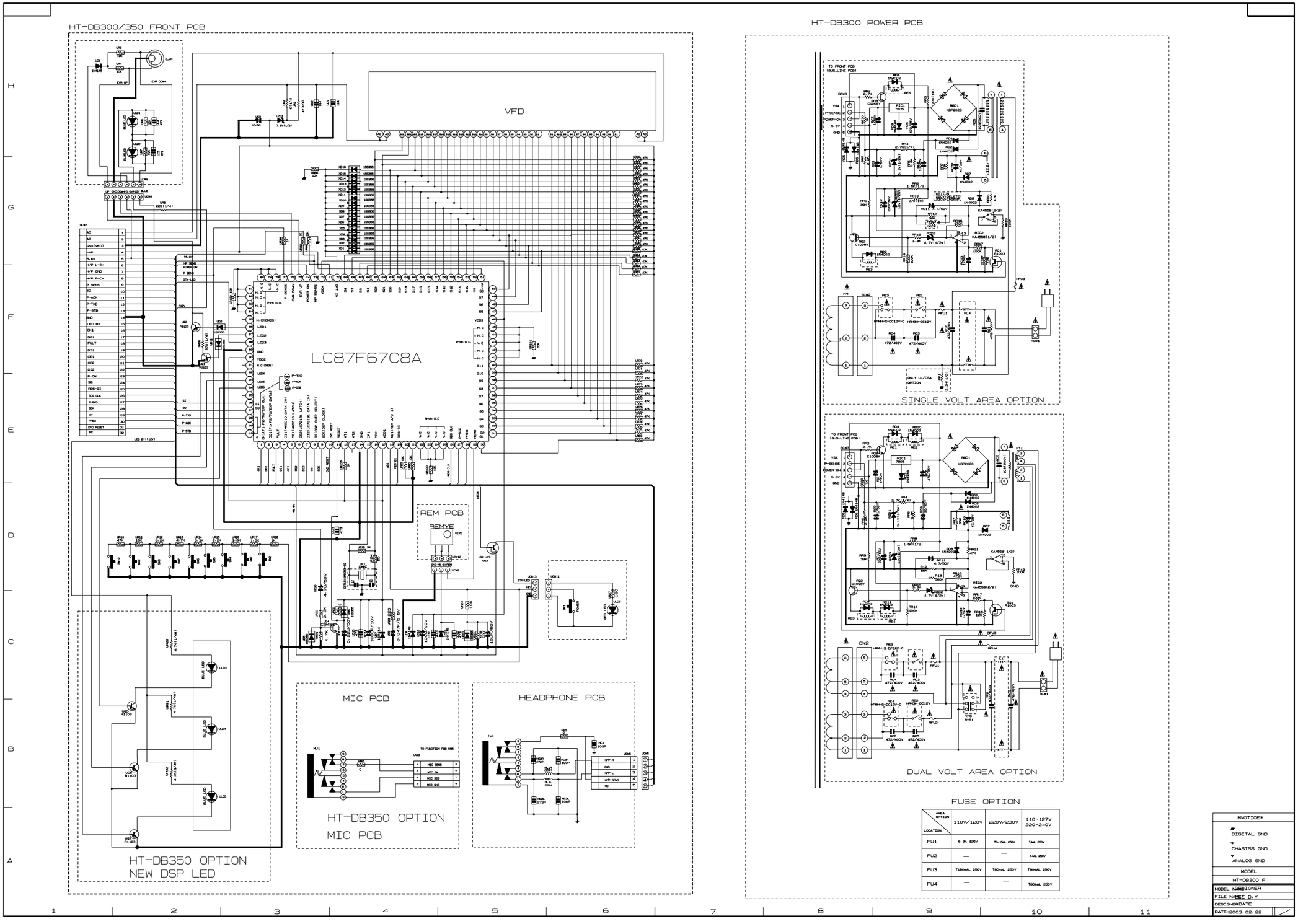
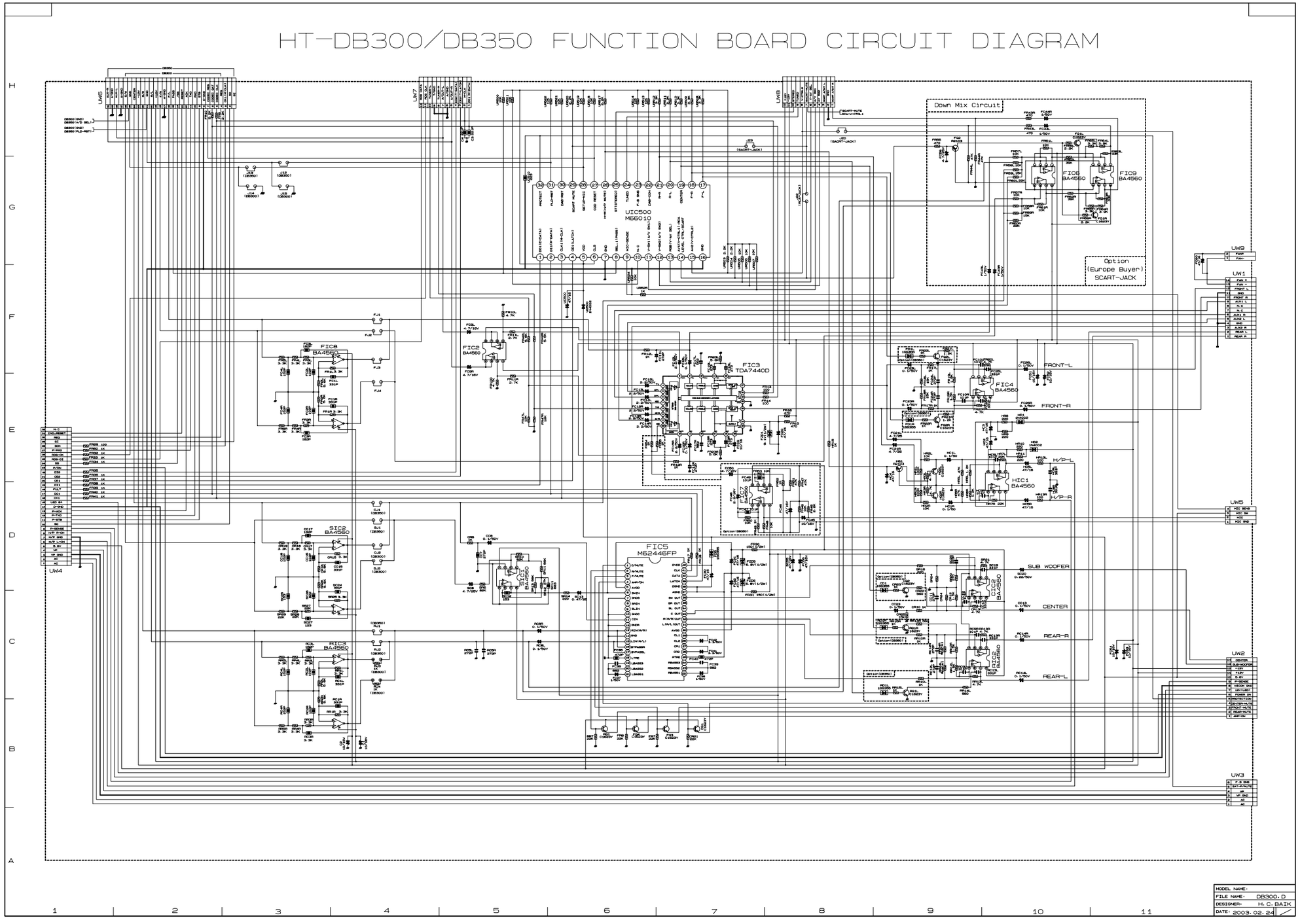
7-1 MAIN

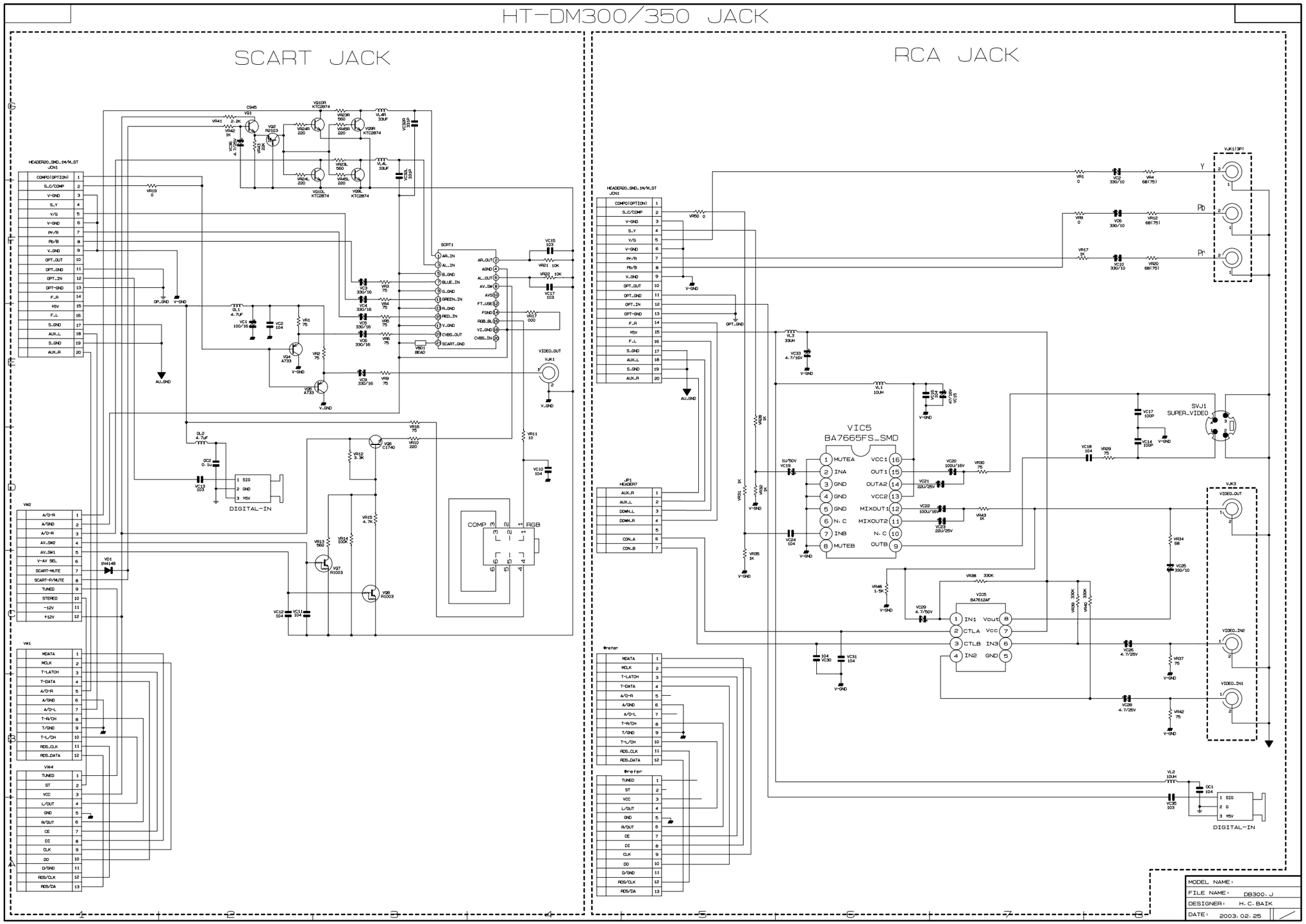

IC5
BA4560
IC7
BA4560
FRONT L/CH AMP
FRONT R/CH AMP
SUB WOOFER AMP
CENTER AMP
REAR L/CH AMP
REAR R/CH AMP
AJ1
SIG
GND
FRONT-L
FRONT-R
S/W
CENTER
REAR-L
REAR-R
AUX2
AUX1
MAIN PCB POWER BLOCK
DB300.M
H.C.BAIK
2003.02.22

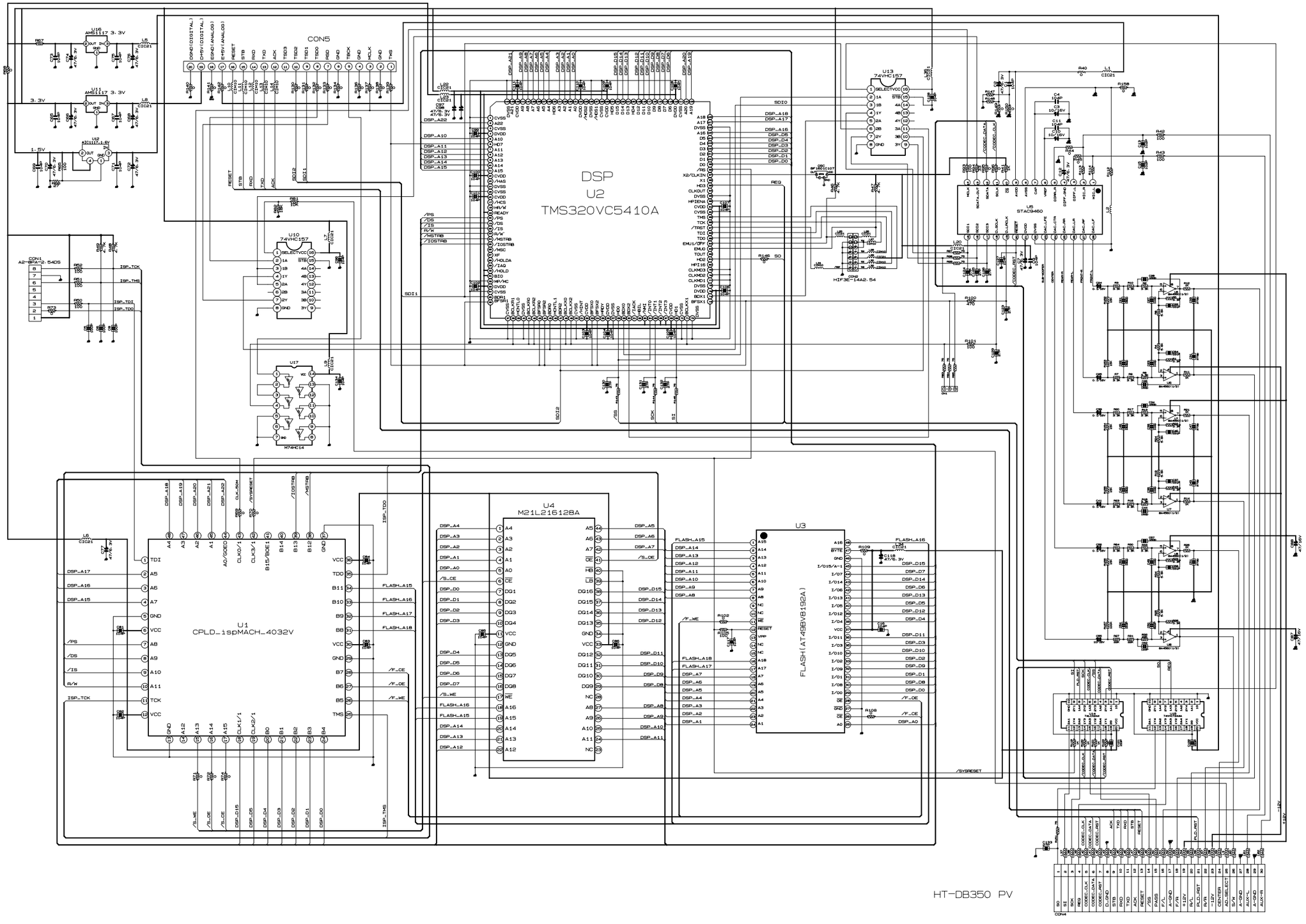


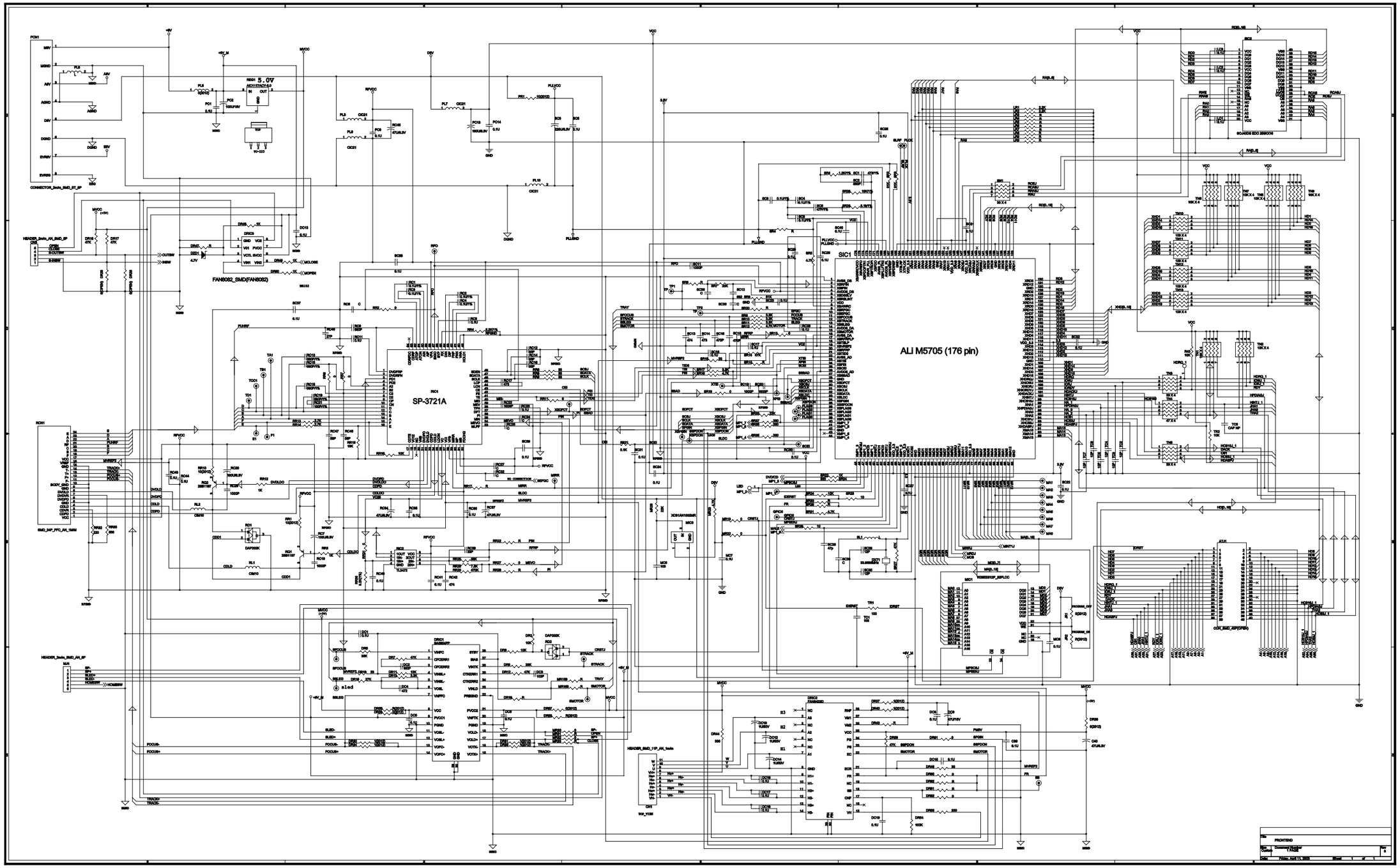
AREA OPTION / LOCATION	110V/120V	220V/230V	110-127V 220-240V
FU1	6.3A 125V	T3.15A 250V	T4AL 250V
FU2	—	—	T4AL 250V
FU3	T160MAL 250V	T80MAL 250V	T80MAL 250V
FU4	—	—	T80MAL 250V

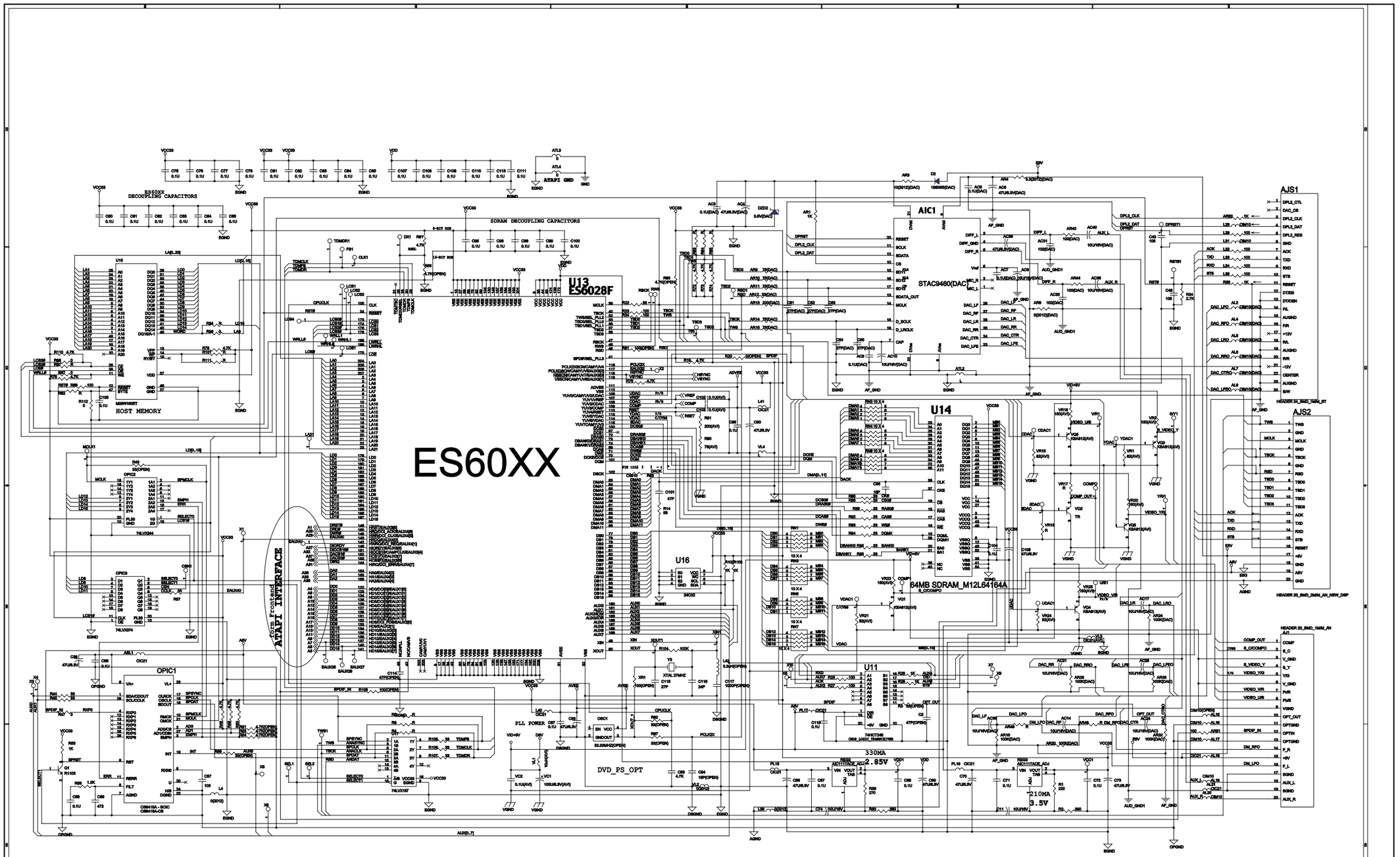
HT-DB300/DB350 FUNCTION BOARD CIRCUIT DIAGRAM




HT-DM300/350 JACK
SCART JACK
RCA JACK
HEADER20_SMD_1M/M_ST
JCN1
COMPO[OPTION]
S_C/COMP
V-GND
S_Y
Y/G
PR/R
PB/B
V_GND
OPT_OUT
OPT_GND
OPT_IN
OPT-GND
F_R
+5V
F_L
S_GND
AUX_L
AUX_R
SCRT1
AR_IN
AL_IN
B_GND
BLUE_IN
G_GND
GREEN_IN
R_GND
RED_IN
V_GND
CVBS_OUT
SCART_GND
AR_OUT
AGND
AL_OUT
AV_SW
AVS
FT_USE
FSW
RGB_BL
VI_GND
CVBS_IN
VIDEO_OUT
VJK1
DIGITAL-IN
SIG
GND
+5V
COMP
RGB
VIC5
BA7665FS_SMD
MUTEA
INA
GND
GND
GND
N. C
INB
MUTEB
VCC1
OUT1
OUTA2
VCC2
MIXOUT1
MIXOUT2
N. C
OUTB
VIC5
BA7612AF
IN1
CTLA
CTLB
IN2
Vout
VCC
IN3
GND
SVJ1
SUPER_VIDEO
VJK3
VIDEO_OUT
VIDEO_IN2
VIDEO_IN1
Y
Pb
Pr
JP1
HEADER7
VK2
VK1
VK4
MODEL NAME:
FILE NAME: DB300.J
DESIGNER: H.C.BAIK
DATE: 2003.02.25


DSP
U2
TMS320VC5410A
U1
CPLD_ispMACH_4032V
U4
M21L216128A
U3
FLASH(AT49BV8192A)
U5
STAC9460
U10
74VHC157
U13
74VHC157
U17
M74HC14
CON5
CON1
CON4
HT-DB350 PV


ALi M5705 (176 pin)
SP-3721A
SIC1
FAN8082_SMD(FAN8082)
5.0V
FRONTEND


ES60XX
U13
ES6028F
AIC1
STAC9460(DAC)
U14
U16
64MB SDRAM_M12L64164A
U11
AJS1
AJS2
HOST MEMORY
OPIC1
PLL POWER
DVD_PS_OPT
330MA
2.85V
210MA
3.5V
ES60XX DECOUPLING CAPACITORS
SDRAM DECOUPLING CAPACITORS
From Frontend
ATAPI INTERFACE